

**What is claimed is:**

1. An insert mold structure comprising:  
a first part constituted from a thermoplastic material;  
a second part coated with a paint made of the same material  
as the first part; and  
the second part insert-molded in the first part.
2. An insert mold structure according to claim 1, wherein  
the coating is powder coating.
3. An insert mold structure according to claim 1, wherein  
the coated second part is heat-treated.
4. An insert mold structure according to claim 1, wherein  
the first part is made of a resin; and  
the second part is made of a metal.
5. An insert mold structure according to claim 1, wherein  
both of the first part and the second part are made of resin.
6. An insert mold structure according to claim 5, wherein  
the first part is made of polyethylene; and  
the second part is made of a resin having a lower permeation  
characteristics for gasoline than polyethylene.
7. An insert mold structure according to claim 6, wherein  
the resin having a lower permeation characteristics for gasoline  
than polyethylene is polyacetal or nylon.
8. An insert mold structure according to claim 6, wherein  
the first part is a weld flange member which is insert-molded  
in a fuel tank for vehicle made of high density polyethylene.
9. An insert mold structure according to claim 6, wherein  
the first part is a fuel tank for vehicle made of high density

polyethylene.

10. An insert mold structure according to claim 1, wherein the melting point of the coating is lower than the melting point of the first part.

11. An insert mold method comprising:

powder-painting a thermoplastic material constituting a first part on a second part; and

inserting the painted second part in the first part.

12. An insert mold method according to claim 11, wherein the second part is powder-coated and thereafter, the part is heat-treated.

13. An insert mold method according to claim 11, wherein the first part is made of a resin and the second part is made of a metal.

14. An insert mold method according to claim 11, wherein both of the first part and the second part are made of resin.

15. An insert mold method according to claim 14, wherein the first part is made of polyethylene and the second part is made of a resin having a lower permeation characteristics for gasoline than polyethylene.

16. An insert mold method according to claim 15, wherein the resin having a lower permeation characteristics for gasoline than polyethylene is polyacetal or nylon.

17. An insert mold method according to claim 15, wherein the first part is a weld flange member which is insert-molded in a fuel tank for vehicle made of high density polyethylene.

18. An insert mold method according to claim 15, wherein the

first part is a fuel tank for vehicle made of high density polyethylene.

19. An insert mold method according to claim 11, wherein the melting point of the coating is lower than the melting point of the first part.

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